Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 11 Jan 2024 until 23:59 on Friday 12 Jan 2024

Forecast Issued on Thursday 11 Jan 2024 at 02:41

Confidence: High for cold and settled weather for Thursday and Friday then a transition to a more northerly airstream over the weekend. Lower confidence in the details of weather fronts moving south over the United Kingdom during Saturday and Sunday.

Headline for Thursday 11 Jan 2024: Dry with bright intervals. Winds easing but still feeling cold.

Mountain weather hazards on Thursday 11 Jan 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	10%	<05%	<05%	<05%	<05%

Forecast for Thursday 11 Jan 2024

Weather: Mostly cloudy to start the day then lengthening bright or sunny spells, especially over western fells. Staying largely dry although the odd spot of light rain is possible at first this morning.

Chance of cloud-free hill tops above 800m: 40% at first, best chance in the west, becoming 70% by afternoon.

Low cloud and visibility: Areas of low cloud and fog above 600m at first this morning, mainly affecting eastern fells. This will break up through the morning with good visibility then expected from most fells although some patchy low cloud may still affect the east.

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Forecast for Thursday 11 Jan 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	22/26 NE	19/23 NE	17/24 NE	17/22 NE	10/13 NE	10/13 NE	10/13 NE
600	23/30 NE	22/30 NE	20/26 NE	18/25 NE	12/16 NE	10/13 NE	10/14 NE
300	9/22 NE	9/19 NE	12/22 NE	9/19 NE	7/15 NE	6/12 NE	6/13 NE
Valley	8/21 NE	13/26 NE	14/23 NE	10/20 NE	10/14 NE	7/11 NE	9/13 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-7	-0/-7	0/-6	-1/-7	2/-2	2/-2	3/-1
600	1/-6	1/-6	1/-6	1/-5	0/-5	-0/-5	-0/-4
300	3/-1	3/-1	3/-1	3/-0	1/-2	0/-3	0/-3
Valley	4/1	4/-0	5/2	5/2	4/0	4/1	4/1
Freezing Level*	1000m	1200m	700m	700m	700m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the hills but less severe than recent days as winds ease and the freezing level rises.

Forecast for Friday 12 Jan 2024

Weather: Dry with variable amounts of cloud but some decent bright or sunny spells.

Maximum wind: Northwest becoming Variable 5 to 10mph.

Chance of cloud-free hill tops above 800m: 60% early morning, becoming 90%.

Low cloud and visibility: Generally good visibility, excellent from high summits. Patchy low cloud and fog overnight and to start the morning, slowly clearing.

Temperature: **Valleys:** Minus 3C rising to 4C.
At 800m: Minus 3C, rising to Plus 2C during daytime.
Freezing level: 400m, but higher summits rising above freezing during daytime.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 10 January 2024 Location: Helvellyn summit at 12:20 Full report: There has been a further skittering of snow overnight, which has settled above 550m, adding marginally to the existing dusting which also lay roughly above the same altitude. On paths this was only really problematic/treacherous where the light snow covers previous hazards such as patches of ice or old, compacted hard snow. In a few sheltered spots on popular routes there was sufficient fresh snow to have also become compacted and icy. Any old snow was very hard and icy and could be found above 800m in sheltered spots and hollows, but most especially above 900m, on steep north and east facing aspects. Cracks have appeared in some of the small cornices that have formed above steep north and east facing slopes – most noticeably above Helvellyn's east face. Although small, they exist above steep drops so please keep well clear of such snow covered edges and advise those with less experience to do likewise. Walkers attempting steep and exposed routes above the snowline, such as Striding and Swirral edges, must be prepared and equipped to encounter hard snow and ice. The light dusting of snow along both edges made for slippery conditions. Both exits onto the plateau, however, have unavoidable old hard snow in locations where a slip not quickly arrested could have serious consequences. It is, therefore, essential that anyone attempting the edges, or similar routes above the snowline, have an ice axe and microspikes/crampons. Indeed microspikes are strongly recommended for the length of both Striding and especially Swirral Edge which held more ice. It should be noted that the "easier" routes that avoid the crests were also icy. Full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment including a torch, map and compass are all essential to safely roam the fells. Owing to the amount of ice on paths, even below the snowline, walkers should also consider adding microspikes to their rucksacks which could make your day far more enjoyable! Visibility in the cloud above the snowline was limited today so excellent navigational skills are also essential. Temperature: minus 1.4 C, Maximum wind speed 30.1 mph, Wind chill: minus 10.7 C, Average wind speed: 18.0 mph Issued at: 02:41 on Thu 11 Jan 2024

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